

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: June 23, 2003
For Week Ending: June 22, 2003
ND-CW2503

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: High winds followed by thunderstorms late in the week stopped spraying progress for many producers, according to the North Dakota Agricultural Statistics Service. Broadleaf spraying was 77 percent complete and wild oats spraying was 87 percent complete by week's end. Thunderstorms at the end of the week left standing water in fields in the northeast part of the state. Grasshopper and insect infestations have been reported in the northwest. A statewide average of 5.9 days were suitable for fieldwork.

Hot, dry winds late in the week have started to stress crops and pastures in the southwest and south central areas of the state. Rainfall amounts in excess of 2 inches were reported in the Red River Valley. Statewide average topsoil moisture supplies on June 22 were rated 2 percent very short, 8 short, 77 adequate and 13 surplus compared to 11 percent very short, 18 short, 61 adequate and 10 surplus last year.

Crops: As of June 22, 17 percent of the hard red spring wheat crop was headed and beyond, compared to the five-year (1998-2002) average of 11 percent. Durum wheat and barley were 6 and 16 percent headed and beyond, respectively, ahead of average. Small grain crop condition ratings saw improvements in the excellent category last week.

Eighty-seven percent of the corn crop was rated in good to excellent condition compared to 52 percent rated good to excellent on June 23, 2002. The sunflower crop was 85 percent emerged compared to 87 percent last year and was rated 81 percent good to excellent condition. The soybean crop was 99 percent emerged compared to the five-year average of 97 percent. The condition of the crop was rated 86 percent good to excellent compared to 53 percent rated good to excellent last year. Flaxseed and potatoes were 98 and 90 percent emerged, respectively. Canola was 25 percent blooming and beyond by weeks end, ahead of the five-year average. Canola crop condition was rated 85 percent good to excellent compared to 57 percent rated good to excellent last year.

Livestock: Pasture and rangeland conditions were rated 1 percent very poor, 6 poor, 24 fair, 54 good and 15 excellent compared to 12 percent very poor, 22 poor, 41 fair, 24 good and 1 excellent on June 23, 2002. Stockwater supplies were rated 1 percent very short, 6 short, 89 adequate and 4 excellent, unchanged from last week. The hay crop condition was rated 1 percent very poor, 4 poor, 24 fair, 56 good and 15 excellent. First cutting alfalfa was 29 percent complete and other hay baling was 10 percent complete.

Crop Development Progress ^{1/} June 22, 2003 with Comparisons				
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Jointing	77	46	49	58
Boot	38	15	14	27
Headed	16	3	3	9
DURUM WHEAT				
Jointing	47	23	22	33
Boot	15	3	6	10
Headed	6	0	0	2
HRS WHEAT				
Jointing	71	46	52	62
Boot	41	15	23	32
Headed	17	1	6	11
OATS				
Jointing	69	46	49	61
Boot	32	11	18	30
Headed	7	0	4	9
CANOLA				
Rosette	78	48	61	70
Blooming	25	4	4	16
DRY EDIBLE BEANS				
Emerged	93	75	96	96
FLAXSEED				
Emerged	98	95	100	98
POTATOES				
Emerged	90	76	99	94
SOYBEANS				
Emerged	99	90	100	97
SUNFLOWER				
Planted	99	96	100	99
Emerged	85	65	87	89

^{1/} Crop development percents represent all acreage in or beyond each stage.

Crop and Pasture Condition Week Ending June 22, 2003					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	0	1	10	61	28
Durum Wheat	0	1	15	72	12
HRS Wheat	0	1	13	59	27
Oats	0	1	14	68	17
Canola	0	1	14	57	28
Corn, All	0	1	12	65	22
Dry Edible Beans	0	3	18	61	18
Flaxseed	0	0	18	65	17
Potatoes	0	1	17	67	15
Soybeans	1	2	11	58	28
Sugarbeets	1	2	19	50	28
Sunflowers	0	2	17	64	17
Hay	1	4	24	56	15
Pasture and Range	1	6	24	54	15

~ Compiled and Published by ~

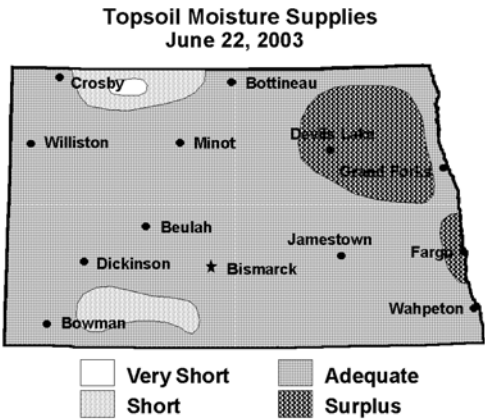
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 22, 2003

Soil Moisture: North Dakota, June 22, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	2	8	77	13
Last Week	1	5	82	12
Last Year	11	18	61	10
98-02 Avg	2	7	75	16
SUBSOIL				
This Week	2	12	75	11
Last Week	2	12	76	10
Last Year	6	22	64	8
98-02 Avg	2	11	73	14



Weather: Last week the entire state saw many days well into the 80s. Maximum high temperatures last week reached a scorching 92 degrees in Williston and 90 in Bottineau, Watford City and Bowbells. The remainder of the state saw maximum highs in the mid-to-upper 80s. Lows were still falling into the mid-40s in some areas but on average, overnight temperatures remained in the 50s.

Fairly dry conditions across the state for the week. Areas not receiving any precipitation were Mohall, Baker, Hazen, Dickinson, Hettinger and Bismarck. The greatest rainfall amounts were reported in Robinson, Fargo, Oakes, and Wyndmere. The remainder of the state reported rainfall amounts of less than an inch. Many parts of the state still have below normal precipitation amounts for this time of year. Bowbells, Mohall, Bottineau, Watford City, Bowman, and Hettinger are 2.00 inches or greater below normal.

Outlook, June 16-22: A change is in store for the week ahead. Temperatures will struggle to climb out of the 70s and even 60s through mid-week but will return to summer-like highs by the end of the week heading into the weekend. Expect temperatures in the 70s across the state Monday through Wednesday with cooler temperatures out west. Thursday will usher in some warmer weather with highs in the upper 70s west to the low 80s east with the same conditions on Friday. The weekend shows temperatures in the low to mid 80s statewide.

There is a chance for precipitation all week. Expect dry conditions by the weekend. The precipitation chance comes in the form of chance of thunderstorms so there is the potential for severe weather early this week, mainly in the southeast and south central portions of the state. Rainfall amounts for the week could range from as little as 0.0 inches to as much as 3.0 inches. The northern portion of the state looks to receive the smallest amount of precipitation this week with weekly totals increasing further south. With the chance of heavy precipitation events early in the southeast, the potential exists for as much as 1.5 to 3.0 inches in the southeast. South central North Dakota could receive anywhere from a half an inch to an inch. The central, west and northeast portions of the state could receive precipitation amounts from as little as 0.01 of an inch to as much as 0.50 of an inch with the greatest amounts further south.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 22, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
Northwest (1)	69	5	0.17	4.30	-1.44
N. Central (2)	67	3	0.24	4.39	-1.73
Northeast (3)	67	3	0.33	6.32	0.45
W. Central (4)	69	4	0.08	5.54	-1.08
Central (5)	67	2	0.64	8.23	1.65
E. Central (6)	68	2	0.86	7.12	0.47
Southwest (7)	69	4	0.03	5.13	-1.79
S. Central (8)	67	2	0.33	6.32	-0.00
Southeast (9)	68	2	1.61	9.00	2.42

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 22, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
(1) Bowbells	90	45	0.05	2.80	-2.87
Williston	92	53	0.38	5.06	0.17
Mohall	88	46	0.00	3.90	-2.02
Minot	86	49	0.25	5.44	-1.02
(2) Baker	84	51	0.00	5.37	-1.50
Bottineau	90	45	0.47	3.56	-2.44
Towner	89	42	0.25	4.25	-1.24
(3) Cando	86	50	0.03	5.20	-0.58
Cavalier	86	47	0.71	7.13	1.02
Forest River	86	52	0.33	6.17	0.01
Grand Forks	87	51	0.47	6.53	0.87
Langdon	84	51	0.28	5.99	0.65
St. Thomas	83	47	0.16	6.90	0.74
(4) Hazen	88	49	0.00	5.96	-1.14
Turtle Lake	84	53	0.08	6.86	0.22
Watford City	90	53	0.15	3.79	-2.31
(5) Carrington	86	50	0.64	6.81	0.21
Harvey	84	52	0.21	8.98	2.11
Jamestown	84	48	0.58	10.21	4.24
Robinson	83	49	1.15	8.06	1.51
Streeter	82	52	0.62	7.08	0.20
(6) Dazey	85	51	0.81	6.65	-0.05
Fargo	86	52	1.32	7.18	0.72
Hillsboro	85	49	0.46	7.54	0.76
(7) Beach	88	53	0.05	5.83	-0.19
Bowman	85	52	0.07	4.81	-2.19
Dickinson	86	52	0.00	5.33	-1.67
Hettinger	86	48	0.00	4.53	-3.09
(8) Mandan	86	49	0.00	6.75	0.81
Linton	84	50	0.65	5.89	-0.81
(9) Edgeley	82	50	0.68	9.71	2.83
Oakes	86	51	1.83	9.45	2.85
Wyndmere	87	53	2.32	7.85	1.60

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